

# DOWNLINK CHANNEL HANDLING WITHIN A SPREAD SPECTRUM COMMUNICATIONS SYSTEM

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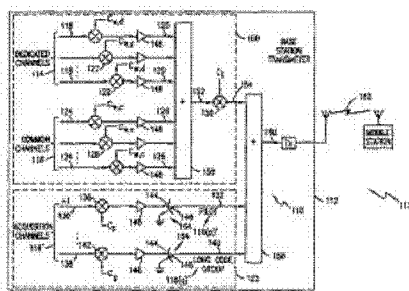
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With respect to a direct sequence, code division multiple access spread spectrum transmitter, symbol information relating to dedicated/common channels (114, 116) (such as the traffic or control channels) is spread to generate a plurality of corresponding dedicated/common channel intermediate signals. These intermediate signals are then summed (150) to generate an output signal (152) that is scrambled by a selected scrambling code. Symbol information relating to acquisition-related channels (such as synchronization information or the pilot or long code group code channels) (116) is also spread to generate a plurality of corresponding acquisition-related intermediate signals. These acquisition-related intermediate signals are then selectively (164) added (158) to the scrambled output signal producing a downlink signal (160) for multi-channel transmission over a communications medium (162) sharing one transmission communications frequency.



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